



Photo: Robert Schwemmer, Channel Islands National Marine Sanctuary



Photo: Sara Heintzelman, Greater Farallones National Marine Sanctuary



Photo: Robert Schwemmer, NOAA

# Northern Elephant Seals Webinar Resources

## Northern Elephant Seal Species Card

<https://www8.nos.noaa.gov/onms/park/Parks/SpeciesCard.aspx?pID=14&refID=1&CreatureID=124>

The northern elephant seal is the largest seal in the world. The unique body structure of this mammal allows it to be an excellent open water swimmer and diver. Find out more on this species card that is part of the Encyclopedia of the National Marine Sanctuaries.

## Ocean Today: Northern Elephant Seals

<http://oceantoday.noaa.gov/northernelephantseals/>

Humans aren't the only ones that are attracted to the California coastline, northern elephant seals migrate thousands of miles to these beaches twice a year to breed, give birth, molt and rest. Watch this engaging Ocean Today video to learn more.

## NOAA Fisheries: Northern Elephant Seal (*Mirounga angustirostris*)

<http://www.fisheries.noaa.gov/pr/species/mammals/seals/northern-elephant-seal.html>

[http://www.westcoast.fisheries.noaa.gov/protected\\_species/marine\\_mammals/pinnipeds/northern\\_elephant\\_seals.html](http://www.westcoast.fisheries.noaa.gov/protected_species/marine_mammals/pinnipeds/northern_elephant_seals.html)

Northern elephant seals, like all marine mammals, are protected under the Marine Mammal Protection Act. Find out more here.

## Discovering Northern Elephant Seals at Point Reyes National Seashore

[https://www.nps.gov/pore/learn/education/upload/curriculum\\_elephantseal.pdf](https://www.nps.gov/pore/learn/education/upload/curriculum_elephantseal.pdf)

'Creating Coastal Stewardship through Science' educational materials for grades 6th - 8th.

## California Department of Parks and Recreation

[http://www.ports.parks.ca.gov/?page\\_id=23103](http://www.ports.parks.ca.gov/?page_id=23103)

This unit of study introduces students to the evolutionary history and adaptations of the northern elephant seals of Año Nuevo State Reserve. The primary grade level target is 7th grade, yet it is adaptable for other grade levels.

## Live Tracks of Elephant Seals

[http://www.seaturtle.org/tracking/?project\\_id=1182&dyn=1488315224](http://www.seaturtle.org/tracking/?project_id=1182&dyn=1488315224)

Satellite tracking of northern elephant seals post-breeding 2016 that studies the at-sea foraging behavior of northern elephant seals from the UC Ano Nuevo Natural Reserve. This is a project of the University of California, Santa Cruz in conjunction with partners and sponsors.

## The Costa Lab

<http://costa.eeb.ucsc.edu/>

The Costa Lab is a research group that is interested in the adaptations of organisms to life in the marine environment, especially the movement, foraging ecology and energetics of pinnipeds, cetaceans and seabirds.

## Ano Nuevo Research

<http://www.anonuevoresearch.com/>

A link to all research taking place in Ano Nuevo in California.

## Nova Education - Ocean Animal Emergency

[http://www.pbs.org/wgbh/nova/education/activities/3517\\_ocean911.html](http://www.pbs.org/wgbh/nova/education/activities/3517_ocean911.html)

Students first research five types of marine mammals. They then plot tracking data on a map and determine which of the five species the tracked information represents.

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Photo: Claire Fackler, NOAA



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Photo: Julie Bursek, Channel Islands National Marine Sanctuary